

Journal Submission

Delegates attending Debris Flow 2012 will be invited to submit an extended version of their paper for possible publication in the International Journal of Safety and Security Engineering, one of the six edited by the Wessex Institute.

Open Access

WIT strongly believes that removing the barrier to research published online will greatly aid progress in all scientific and technical disciplines, as well as all other spheres of knowledge. Many WIT conference and all journal papers are freely available online.

Submission Information

Papers are invited on the topics outlined and others falling within the scope of the meeting. Abstracts of no more than 300 words should be submitted as soon as possible.

Abstracts should clearly state the purpose, results and conclusions of the work to be described in the final paper. Final acceptance will be based on the full-length paper, which if accepted for publication must be presented at the conference.

The language of the conference will be English.

Online submission
wessex.ac.uk/debris2012

Email submission
imoreno@wessex.ac.uk

Submit your abstract with Debris Flow 2012 in the subject line. Please include your name, full address and conference topic.

Conference Coordinator

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For more information visit:
wessex.ac.uk/debris2012



Credits to Croatian National Tourist Board

Location

A UNESCO World Heritage site, the coastal city of Dubrovnik is noted for its delightful old town, historic harbour and beaches and attractive small islands only a short distance from the centre. Although mostly destroyed by an earthquake during the 17th century, the city retains several Renaissance palaces and churches, as well as ancient city walls and gates encircling the old town and central square, home to numerous restaurants and cafes. The world's oldest arboretum and working pharmacy can also be found in Dubrovnik, alongside the city's many fortresses, museums and galleries.

Conference Venue

Located just outside the walled old town of Dubrovnik, the Inter University Centre is an international institute which promotes post-graduate and advanced studies. It is cited in a restored historic building containing a shady courtyard and is adjacent to one of Dubrovnik's many green parks.

DEBRIS FLOW 2012

4th International Conference
on Monitoring, Simulation,
Prevention and Remediation
of Dense and Debris Flow

29 – 31 May, 2012
Dubrovnik, Croatia

Organised by:
Wessex Institute of Technology, UK
University of Milano, Italy

Debris Flow 2012 is the fourth conference in this successful series which started in Rhodes, Greece (2006); followed by the New Forest, UK in (2008) and Milano, Italy (2010).

Debris and hyper-concentrated flows are among the most frequent and destructive of all water related processes. They mainly affect mountain areas in a wide range of morpho-climatic environments and in recent years have attracted more and more attention from the scientific and professional communities, as well as concern from the public, due to the increasing frequency with which they occur and the death toll they claim.

Higher population pressure on natural resources in hazard-prone areas and the development of activities have the potential to increase the magnitude of this hazard. This calls for improvements in the criteria used to identify debris flow risk areas and to design suitable prevention and mitigation measures.

The conference will provide a forum for engineers, scientists and managers from

laboratories, industries, governments and academia to interchange knowledge and expertise in fields such as erosion and slope instability, sediment transport, debris flow and debris flood data acquisition, debris flow phenomenology and laboratory tests, using the most advanced, state-of-the-art methodologies in monitoring, modelling, mechanics, hazard prediction and risk assessment of debris flow phenomena.

Benefits of Attending

Conference Books Papers are published in paper and digital format and widely distributed throughout the world. Delegates will receive a copy of the book in paper or digital format at the time of registration. Papers are also archived at <http://library.witpress.com>

Open Access Authors have the option to make their work available in Open Access format for wider dissemination.

Journal Papers Presenters will be invited to submit a paper to one of the six International Scientific Journals edited by the Wessex Institute.

Networking Participants can present their research and interact with experts from around the world, becoming part of a unique community.

Conference Chairmen

C A Brebbia
Wessex Institute of Technology, UK

D De Wrachien
University of Milano, Italy

S Mambretti
Politecnico di Milano, Italy

International Scientific Advisory Committee

T Futagami
Hiroshima Institute of Technology, Japan

R Garcia
Florida International University, USA

F Gentile
University of Bari, Italy

W Kociuba
Maria Curie Skłodowska University, Poland

M A Lenzi
University of Padova, Italy

G Morel
Université de Technologie de Compiègne,
France

F Wei
Chinese Academy of Sciences, China

Conference Topics

Debris flow modelling

Debris flow triggering

Risk assessment

Hazard mitigation

**Sediment transport and debris flow
monitoring and analysis**

Landslide phenomena

Debris flow rheology

**Active and passive disaster
management**

Vulnerability studies

Structural and non-structural controls

Field tests

Indexing and archiving of conference papers

Papers presented at Wessex Institute conferences are referenced by CrossRef and regularly appear in notable reviews, publications and databases, including referencing and abstract services such as SCOPUS, Compendex, ISI Web of Knowledge, Index to Scientific and Technical Proceedings, ProQuest and Scitech Book News. All conference books are archived in the British Library and American Library of Congress.

- Papers presented at Debris Flow 2012 will appear in a volume of **WIT Transactions on Engineering Sciences** (ISSN: 1746-4471, Digital ISSN: 1743-3533).
- WIT Press ensures maximum dissemination of your research throughout the world through its own offices in Europe, the USA and its extensive international distribution network.
- All conference papers are archived online at <http://library.witpress.com> where they are immediately and permanently available to the international scientific community.

